

Fig. 1

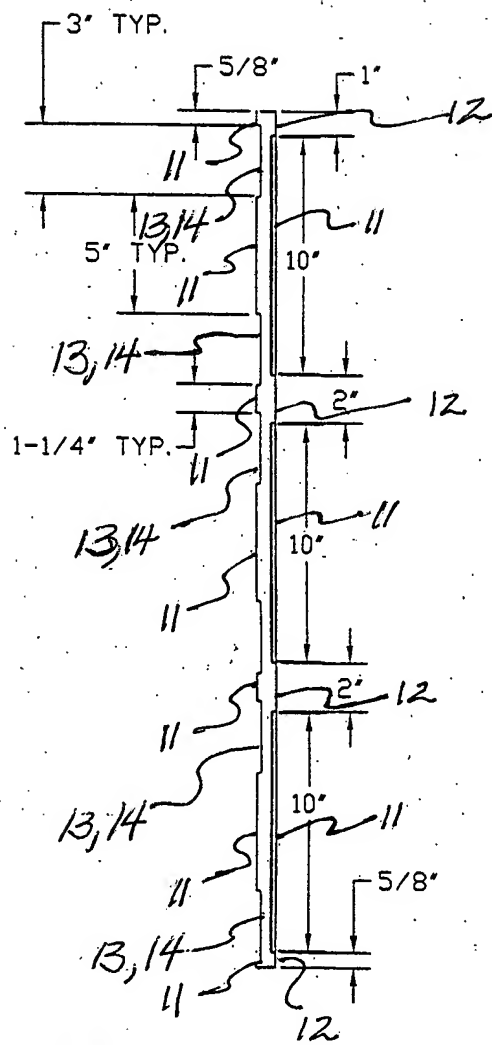


Fig. 2

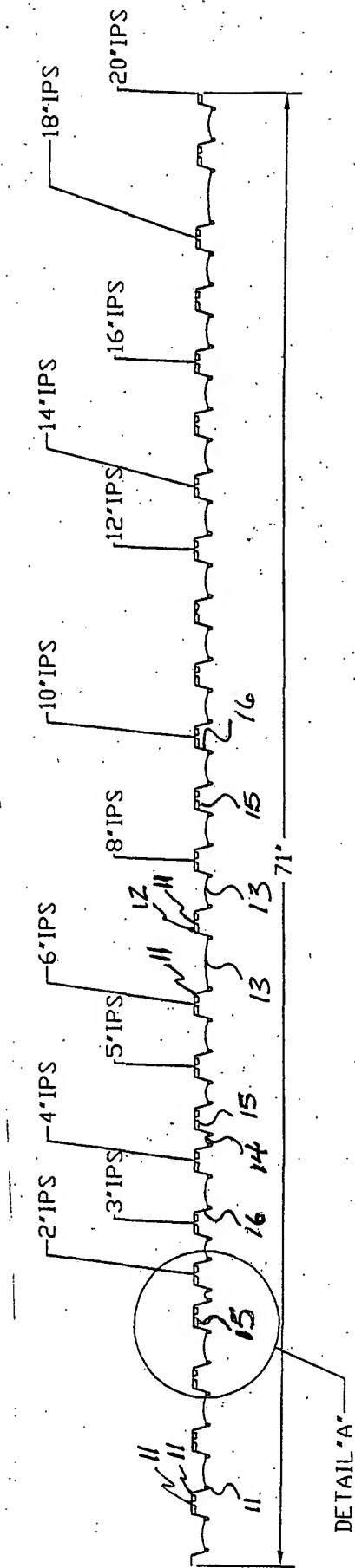


Fig. 3

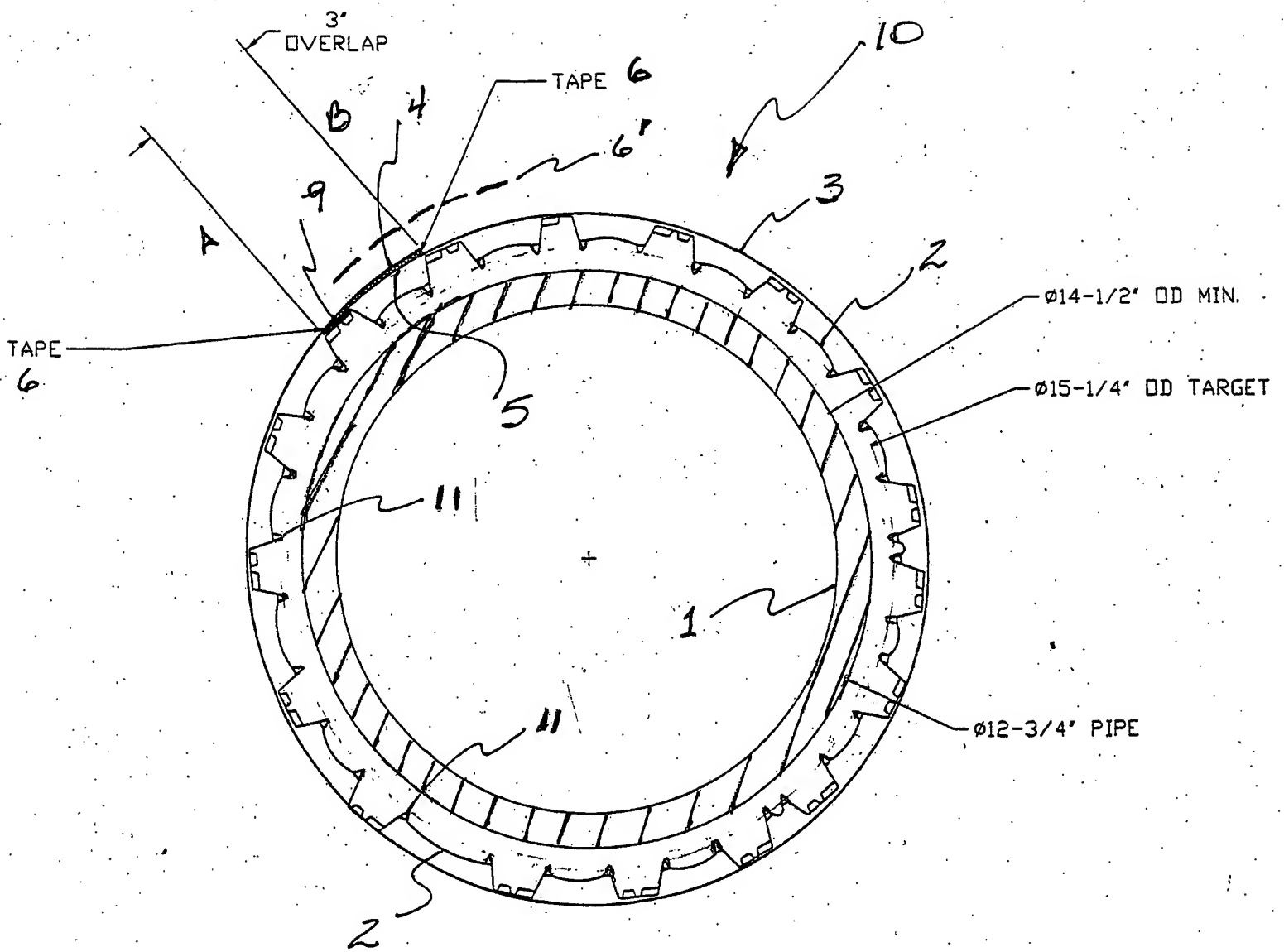


Fig. 5

Fig. 5A

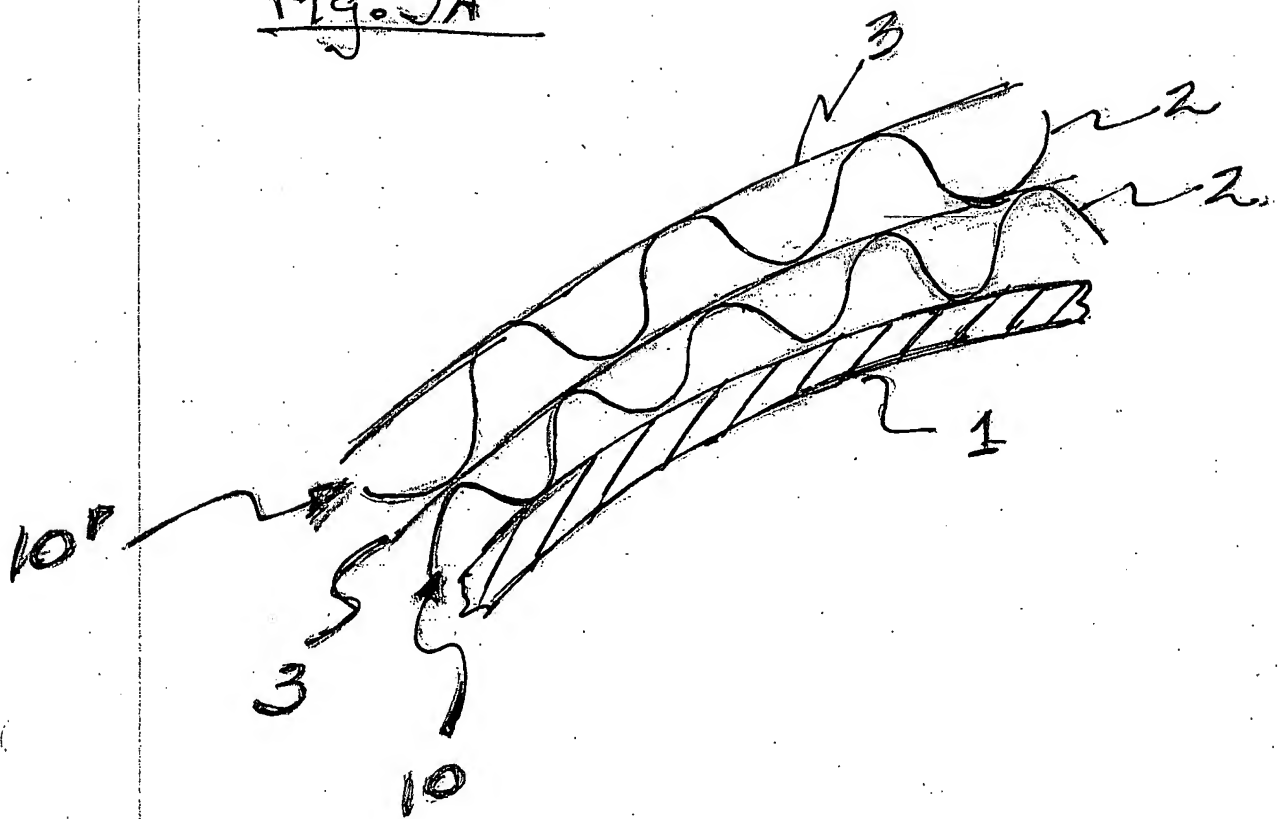


Fig 5B

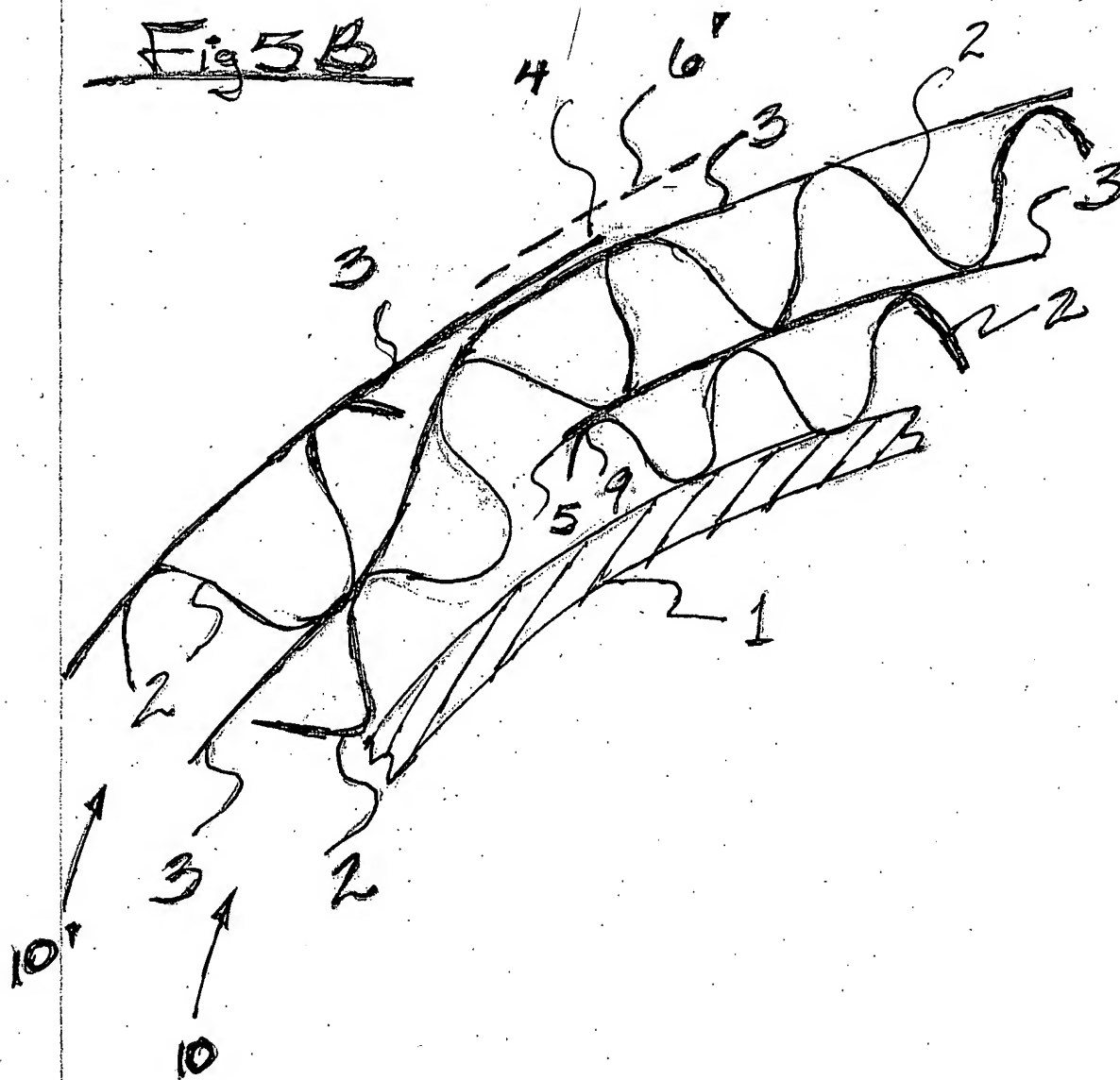


Fig. 6

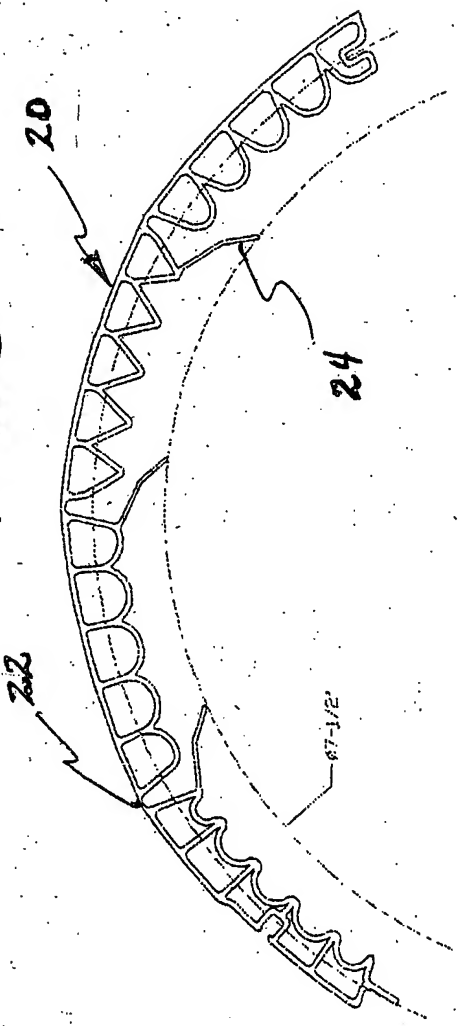
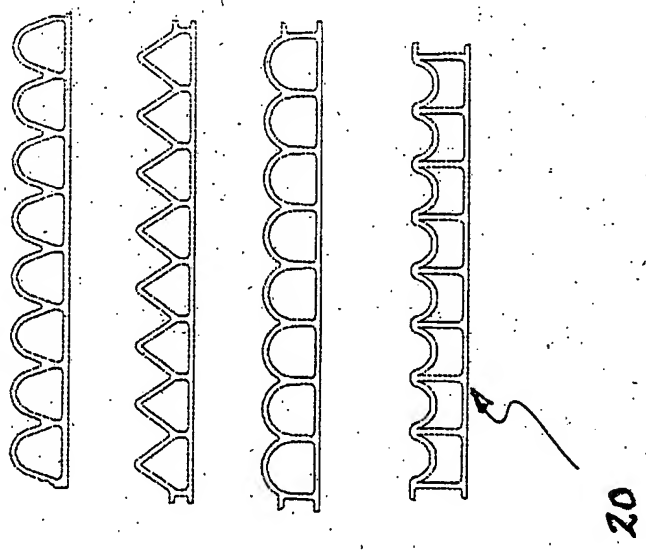


Fig. 6A



6" IPS FLANGE COVER COMPRESSED IN 3" IPS FLANGE
TO SHOW SEGMENTS

Pipe [inch]	Pipe OD [inch]	Insulair™						A to B [inch]	Actual OD [inch]	Δ [inch]
		OD Min [inch]	OD Target [inch]	Target Circumference [inch]		A to B [inch]				
				Target	Actual					
2	2-3/8	4-1/8	4-1/4	13-3/8	13.35	14	4-1/2			
2-1/2	2-7/8	4-5/8	4-3/4	15	14.92	15-1/2	5	1-1/2		
3	3-1/2	5	5-1/16	16	15.92	16-1/2	5-1/16	1		
4	4-1/2	6	6-1/16	19	19.04	19-1/2	6-1/16	3		
5	5-9/16	7-1/4	7-1/2	23-1/2	23.56	24	7-5/8	4-1/2		
6	6-5/8	8-1/4	8-3/8	26-1/2	26.31	27	8-5/8	3		
8	8-5/8	10-3/8	10-5/8	33-1/2	33.38	34	10-7/8	7	(4&3)	
10	10-3/4	12-1/2	12-5/8	39-1/2	39.66	40	12-3/4	6	(3&3)	
12	12-3/4	14-1/2	15-1/4	48-1/2	47.91	49	15-5/8	9	(3&3&3)	
14	14	15-3/4	16-1/4	51-1/2	51.05	52	16-5/8	3		
16	16	14-3/4	18-1/4	57-1/2	57.33	58	18-1/2	6	(3&3)	
18	18	19-3/4	20-1/4	63-1/2	63.62	64	20-3/8	6	(3&3)	
20	20	21-3/4	22-1/4	70-1/2	69.90	71	22-5/8	7	(4&3)	
24	24	25-3/4	26-1/4	82-1/2	82.47	83	26-1/2	12	(3&3&3&3)	
30	30	31-3/4	32-1/4	101	101.32	101	32-1/4	18	(3&3&3&3&3&3)	
36	36	37-3/4	38-1/4	120-1/2	120.17	122	39	21	(3&3&3&3&3&3&3)	

Fig. 7